

**Abstract**

An electrical connector comprises a housing having a retention structure, and a plurality of contacts extending through said housing. Each contact has a medial section, a mounting portion extending from one end of the medial section, and a compressive mating portion extending from another end of the medial section and having a distal end. The retention structure of the housing engages the distal ends of the compressive mating portions of the contacts to preload the contacts. The contacts extend through the housing and exhibit a preload. A fusible element is secured to each respective one of the contacts.

5